

10/586029  
AP20 Rec'd PCT/PTO 13 JUL 2006

Customer No. 28880

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANT : Gerwyn Bish, et al.

EXAMINER :

SERIAL NO. :

ART UNIT :

FILED :

CONF. NO. :

FOR : PIPERAZINE DERIVATIVES WHICH EXHIBIT ACTIVITY AS SEROTONIN AND NORADRENALINE RE-UPTAKE INHIBITORS

**Statement as Provided by 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of the first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

It is requested that the references listed on the attached form PTO-SB-08A/08B be included in the "References Cited" portion of any patent issuing from this application (MPEP § 1302.12).

It is understood by the Applicants that this paper requires no fee; however, authorization is given to charge any necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

Respectfully submitted,

Dated: July 13, 2006



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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 2

<i>Complete if Known</i>	
Application Number	<b>10/586029</b>
Filing Date	
First Named Inventor	Gerwyn Bish, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	PC32050A

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**U. S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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				Application Number	10/586029
				Filing Date	
				First Named Inventor	Gerwyn Bish, et al.
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	PC32050A

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
		KAGAYAKI NATSUKA ET AL, "Synthesis and Structure-Activity Relationship of 1-Substituted 4-(1,2-Diphenylethyl)Piperazine Derivatives having Narcotic Agonists and Antagonist Activity", Journal of Medicinal Chemistry, Am.Chem Soc., (1987), pp 1779-1787, Vol. 30			
		BOLLI, M.H. ET AL, "Development of a polymer bound Wittig reation and use in multi-step organic synthesis for the overall conversion of alcohols to beta-hydroxyamines", J. Chem Soc, (1998), pp. 2243-2246			
		SHIMOKAWA, N. ET AL., "Studies on analgesic agents. 1. Preparation of 1,2-diphenyl-2-(4-substitued-1-piperaziny 1)ethanol derivatives and structure-activity relationship", J. Med. Chem, (1979), pp 58-63, Vol. 22			
		NATSUKA, K. ET AL, "Studies on 1-Substituted 4-(1,2-Diphenylethyl)Piperazine Derivatives and their Analgesic Activities", J. Med. Chem., (1975), pp 1240-1244, Vol. 18			
		Database Crossfire Beilstein, Beilstein Institute for Organic Chemistry, Frankfurt-Main, De; Database accession no. BRN: 561221, Abstract			
		ARTIGAS, F. , "Selective Serotonin/Noradrenaline reuptake Inhibitors (SNRIS) Pharmacology and Therapeutic Potential in the Treatment of Depressive Disorders", CNS Drugs, (1995), pp 70-89, Vol. 4			

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